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**Crack-resistant wax compsn. for candle - contg. sorbitan fatty acid ester(s) in wax component contg. higher paraffin waxes**

Patent Assignee: TONEN CORP (TOFU )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 4059897	A	19920226	JP 90169763	A	19900629	199215 B

Priority Applications (No Type Date): JP 90169763 A 19900629

Patent Details:

Patent No	Kind	Pg	Main IPC	Filing Notes
JP 4059897	A	4		

Abstract (Basic): JP 4059897 A

Wax compsn. for candles contains at least 0.01 pts. wt. sorbitan fatty acid ester(s) in 100 pts. wt. wax ingredient contg. 35-45 wt. % of 29C or higher paraffin waxes. The paraffin waxes are pref. 29-34C.

The sorbitan fatty acid ester is pref. one or a mixt. of sorbitan monostearate and sorbitan monopalmitate.

USE/ADVANTAGE - The compsn. has good combustibility and crack resistance and is adaptable to wide conditions for candle making, e.g. allowing rapid cooling.

Title Terms: CRACK; RESISTANCE; WAX; COMPOSITION; CANDLE; CONTAIN; SORBITAN ; FATTY; ACID; ESTER; WAX; COMPONENT; CONTAIN; HIGH; PARAFFIN; WAX

Derwent Class: D23; E17

International Patent Class (Additional): C11C-005/00

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**C11C 5/00:**

**Purpose:** To obtain the subject new composition excellent in burning characteristics and crazing resistance of a candle by blending a specified amount of a sorbitan fatty acid ester with a wax component containing a specified amount of paraffin wax.

**Constitution:** An objective composition obtained by blending (A) 100 pts.wt. wax component containing 35-45wt.% &ge;29C (preferably &ge;29-34C) paraffin wax with (B) &ge;0.01 pts.wt. (preferably 0.03-0.15 pts.wt.) sorbitan fatty acid ester preferably composed of sorbitan monostearate and/or sorbitan monopalmitate.  
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DERABS C92-118434 DERC92-118434

(No patents reference this one)

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